

Your Friday Water Report

This Week's Topic:

Streambed Restoration

After disturbances in the watershed, the stream adjusts to the change in runoff volume or sediment supply by eroding its bed and banks and incising into its floodplain. As the channel erodes, flood flows become confined to the entrenched channel and move at high velocity rather than slowing and spreading out over the floodplain. Aquatic and riparian habitats are not supported by the entrenchment process and are often scoured out and desiccated. Restoration projects need to address the high velocity flow by introducing water slowing structures, widening the channel and providing points of floodwater escape. *(Topic by Hermit's Peak Watershed Alliance)*

Daily Averages for 09/23 – 09/29

Gallinas River Flow 3.61 Mgd*

This week in 2014 was 12.83 Mgd

Avg. River Diversions 0.15 Mgd

Yr. to date 472 Mg*; year max. 908 Mg*

Draw from Wells 0.00 Mgd

This week in 2014 was 0.00 Mgd

Fresh Water Demand 1.49 Mgd

This week in 2014 was 1.33 Mgd

As of 09/29/15:

Bradner Storage 0.00 Mg

Peterson Storage 35.94 Mg

Reservoir Storage 21.1%

Las Vegas Airport Rainfall 0.00"

Snowpack Depth 0 inches

Snowpack Water Equiv. 0.0 inches

This date in 2014 was 0.0 inches

This date median is 0.0 inches

*Mgd = Million gal. per day, Mg = million gal.

Did You Know?

The City has about 908 million gallons of river diversion water rights. In 2011-2014, the City diverted about 742, 586, 653, and 487 Mg. In the first 3/4 of this year they've diverted 472 Mg.



See water leaks, water waste, or water violations? Tell someone ! 426-3319



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